

## Claims

1. Fluid injector with a housing (1), a valve body (2) and an actuator unit (3), that is inserted into the housing (1),  
5 with the valve body (2) comprising a cartridge (21) with a recess (211) that takes in a needle (22), a receptance (221), which is formed in the needle (22) and fixes a locking element (233) in axial direction relative to the needle (22), and a spring rest body (23), which has a recess (232),  
10 through which the needle (22) protrudes and which takes in the locking element (233) and fixes it in the radial direction relative to the needle (22), and a return spring (24) which rests on the spring rest body (23) which is pretensioned in a way that it presses the spring rest body  
15 (23) against the locking element (233).
2. Fluid injector in accordance with claim 1, where the locking element (233) is conically-shaped on the surface facing the spring rest body (23) and the recess (232) of the  
20 spring rest body (23) is correspondingly conically-shaped.